

FIG. 2

FIG. 2

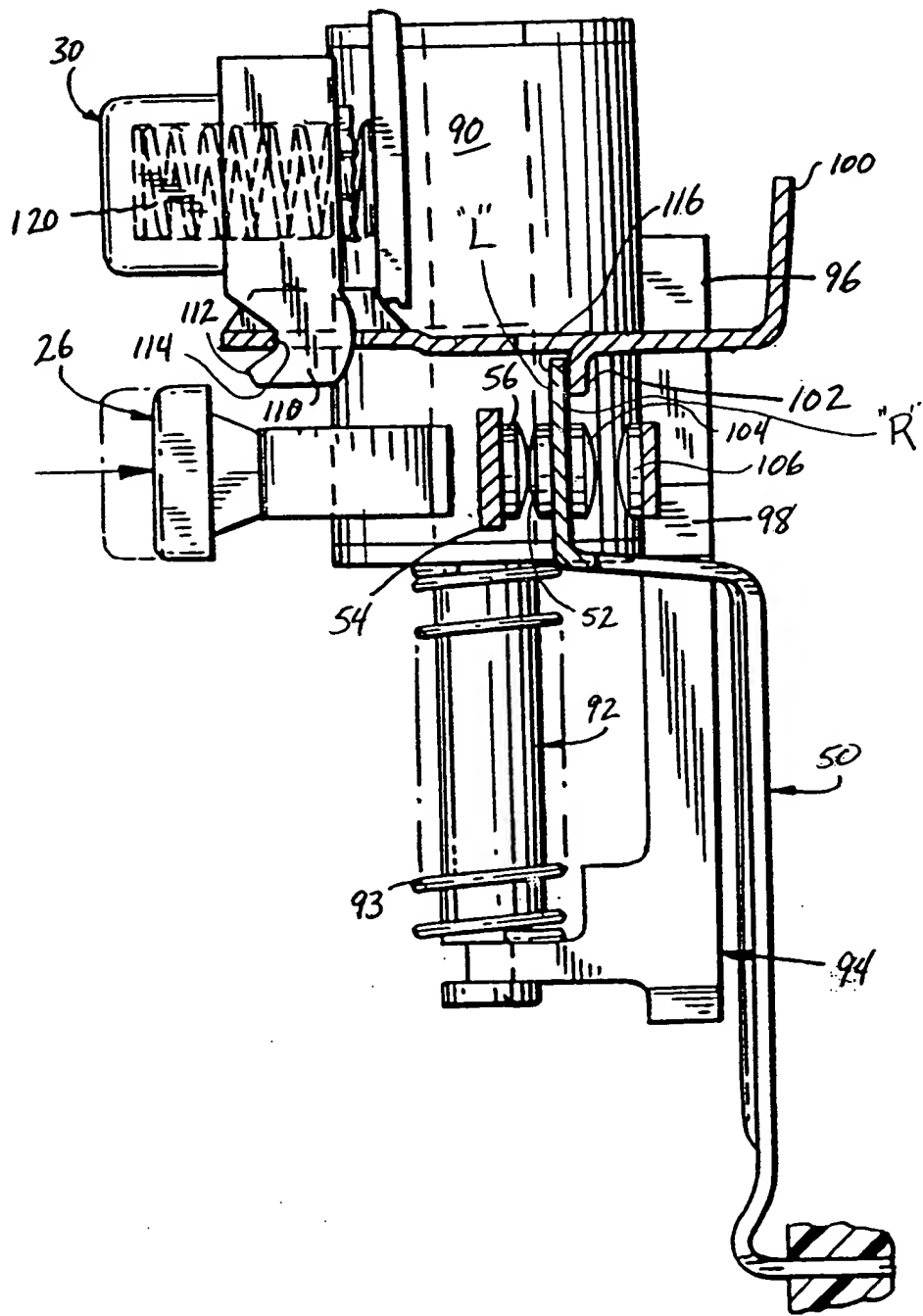


FIG. 3

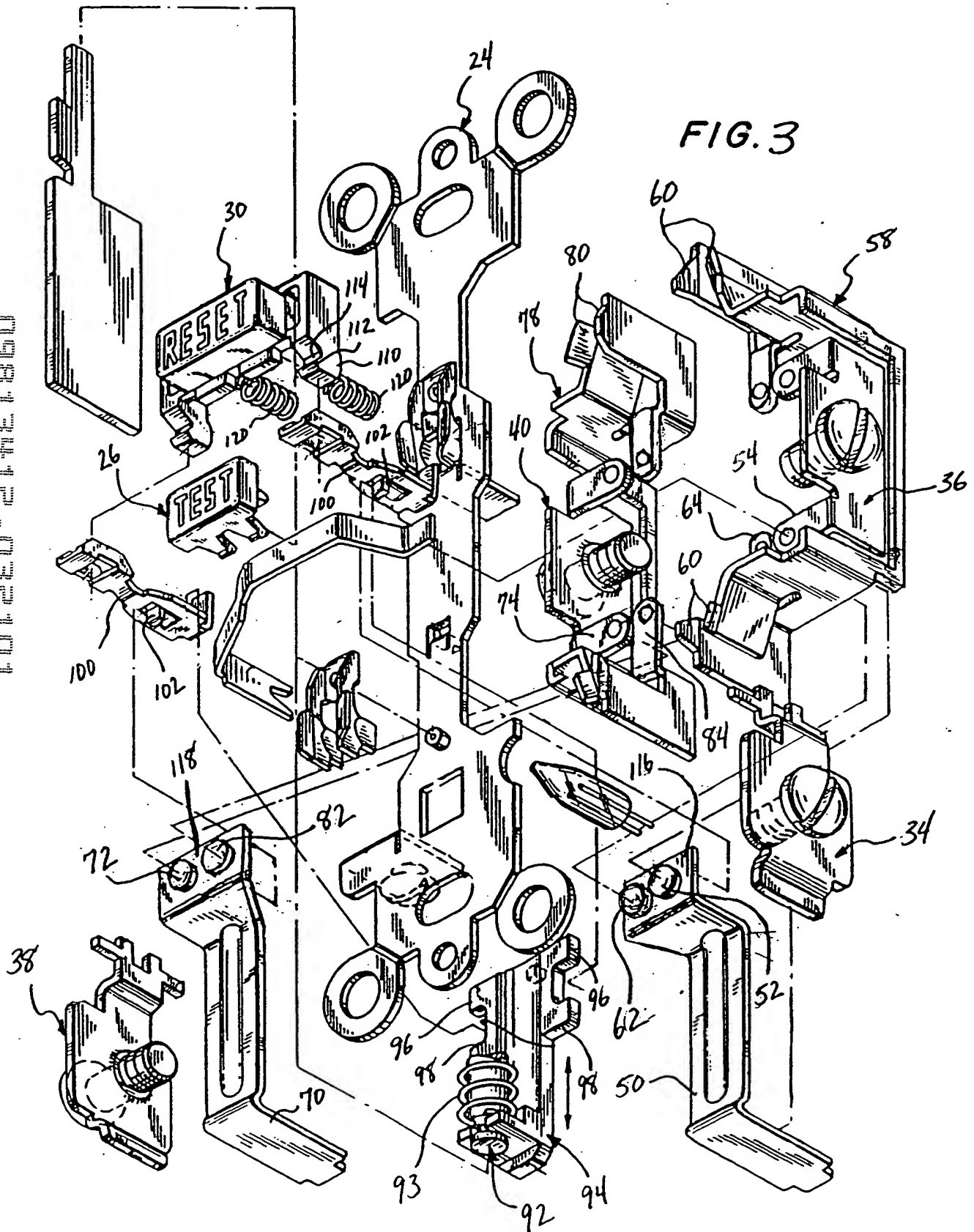
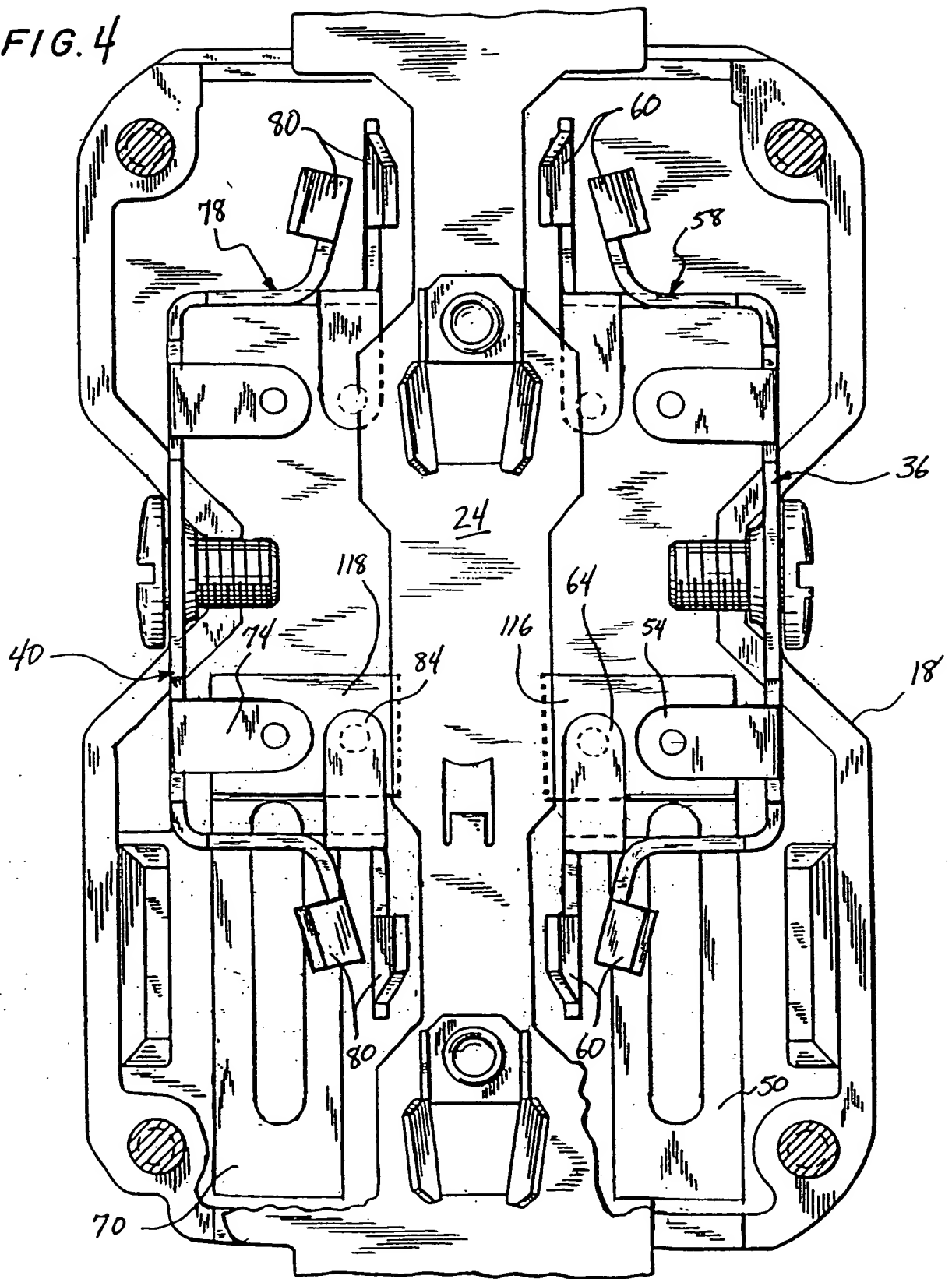


FIG. 4



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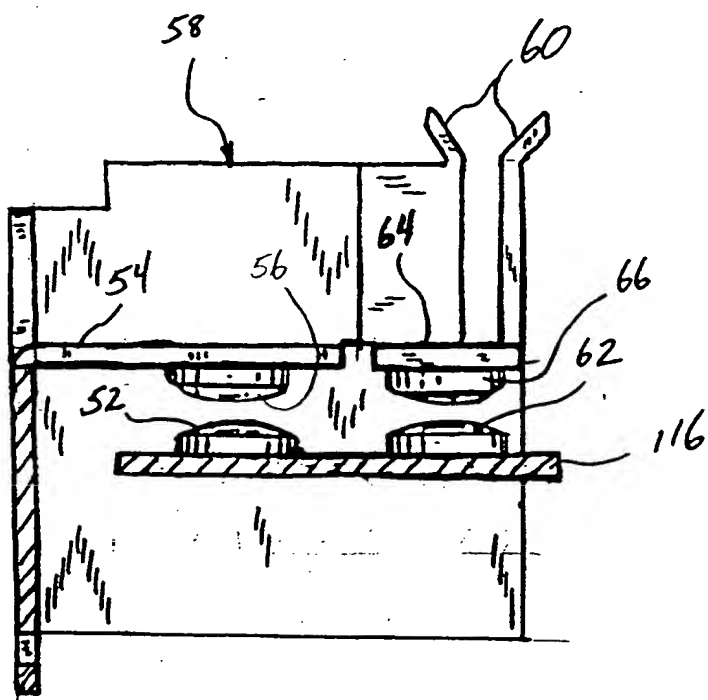


FIG. 5

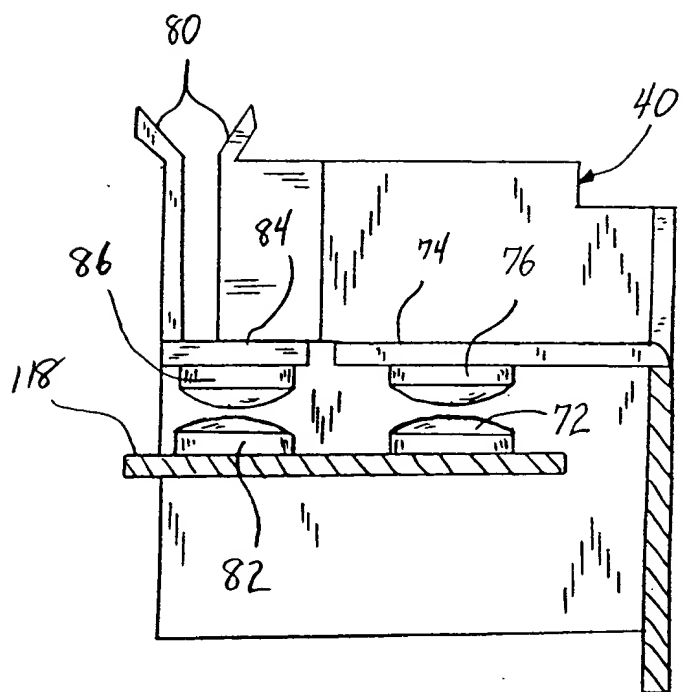


FIG. 6

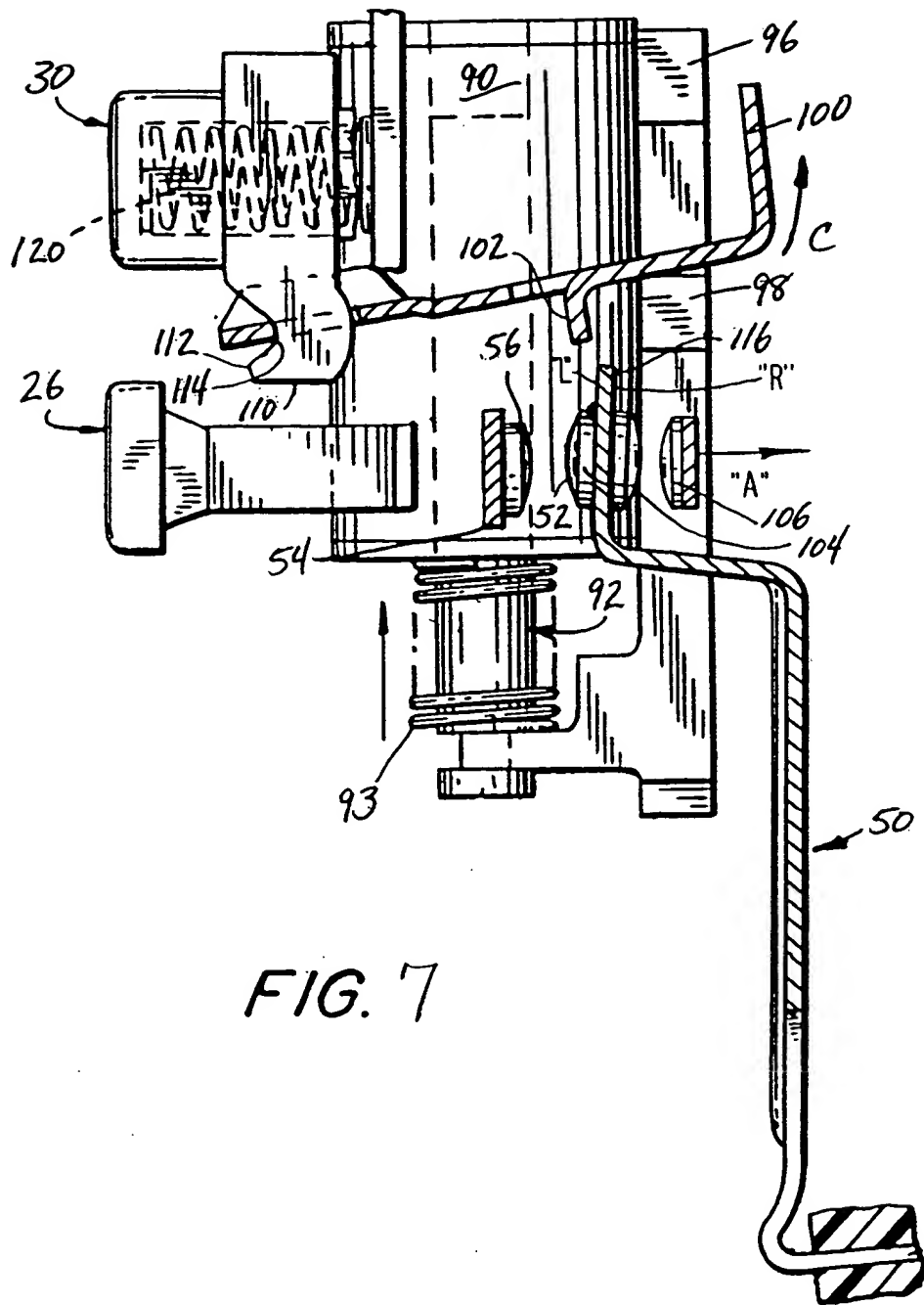
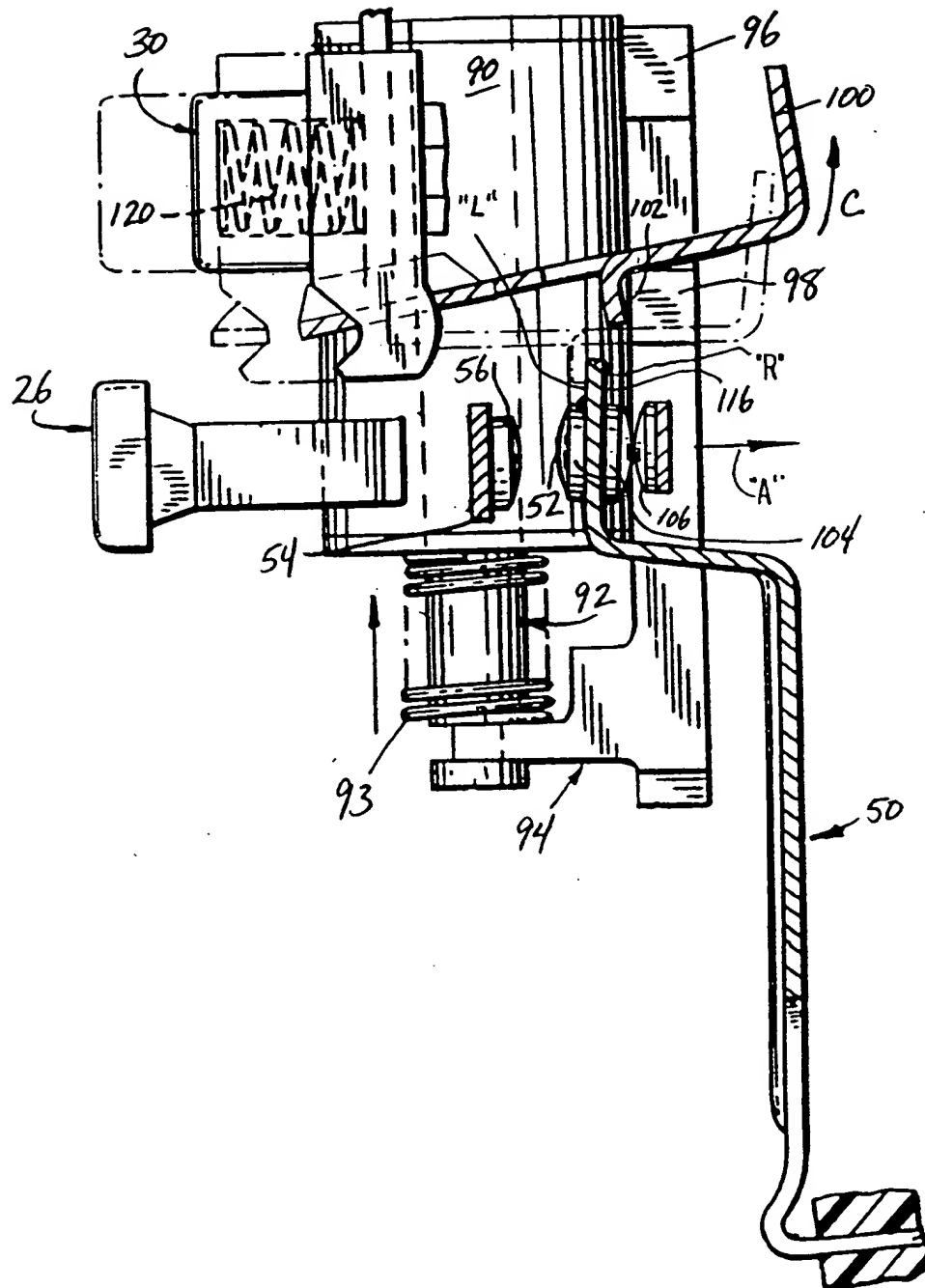


FIG. 7

FIG. 8





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FIG. 9

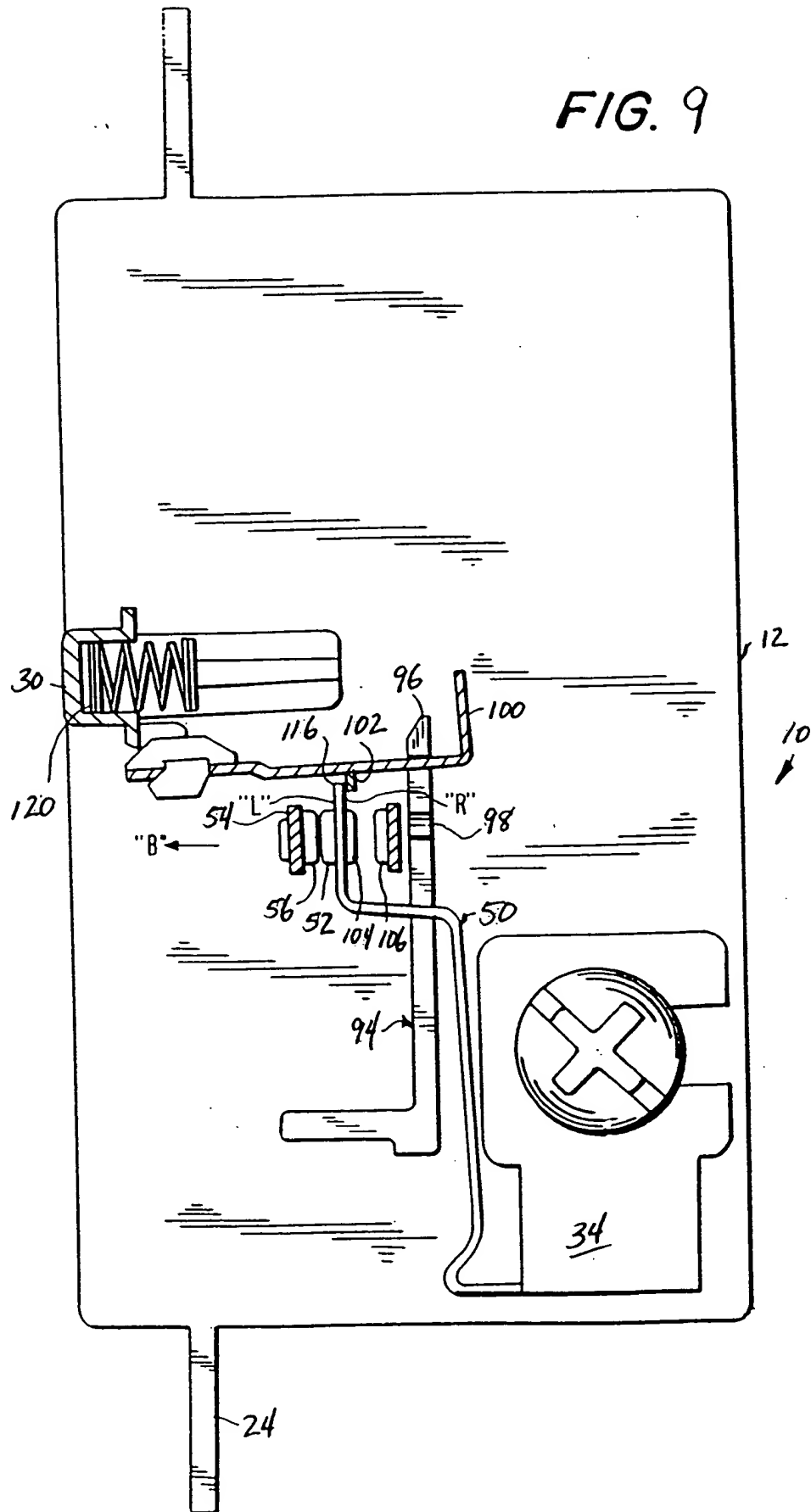
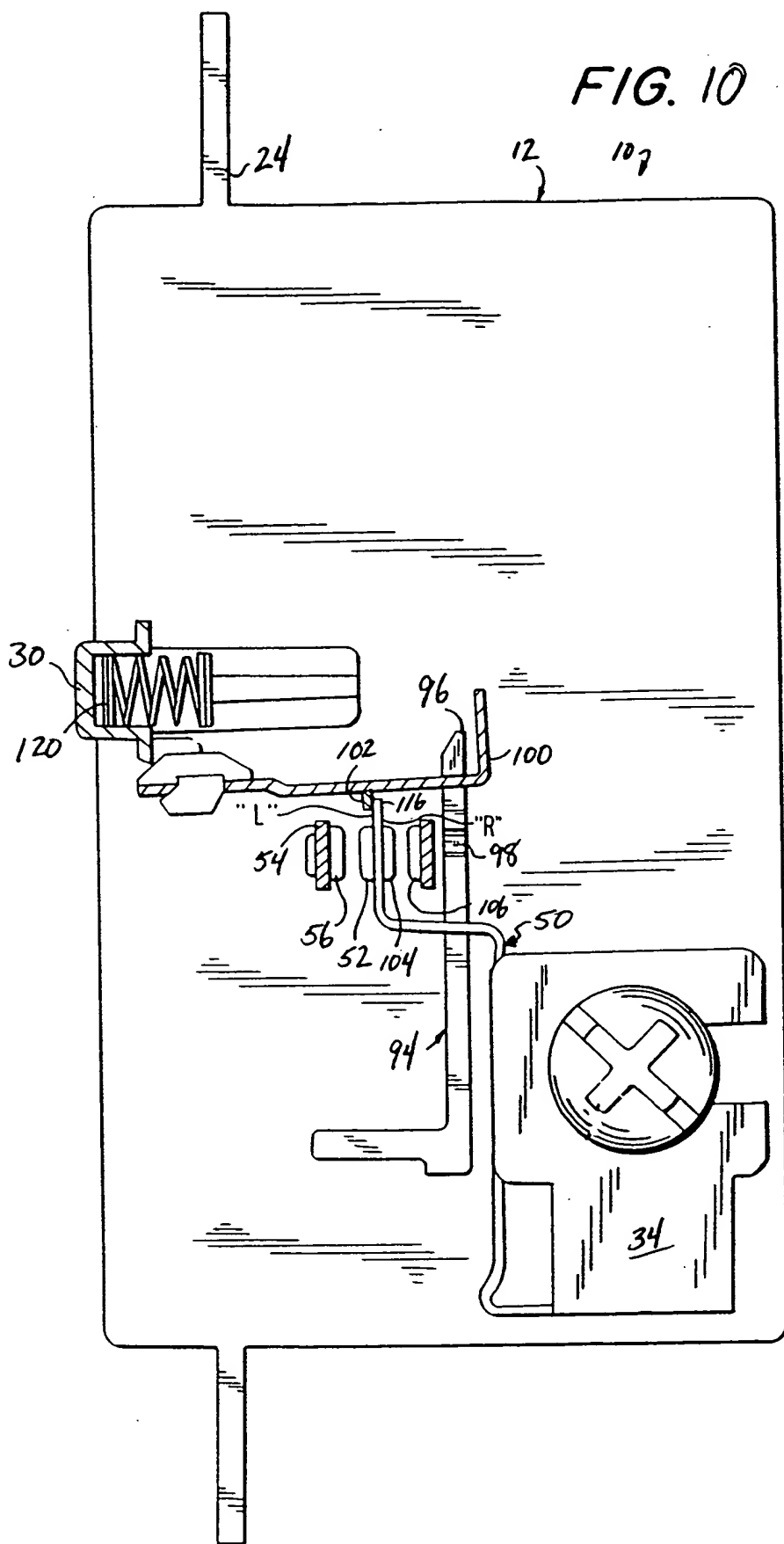


FIG. 10





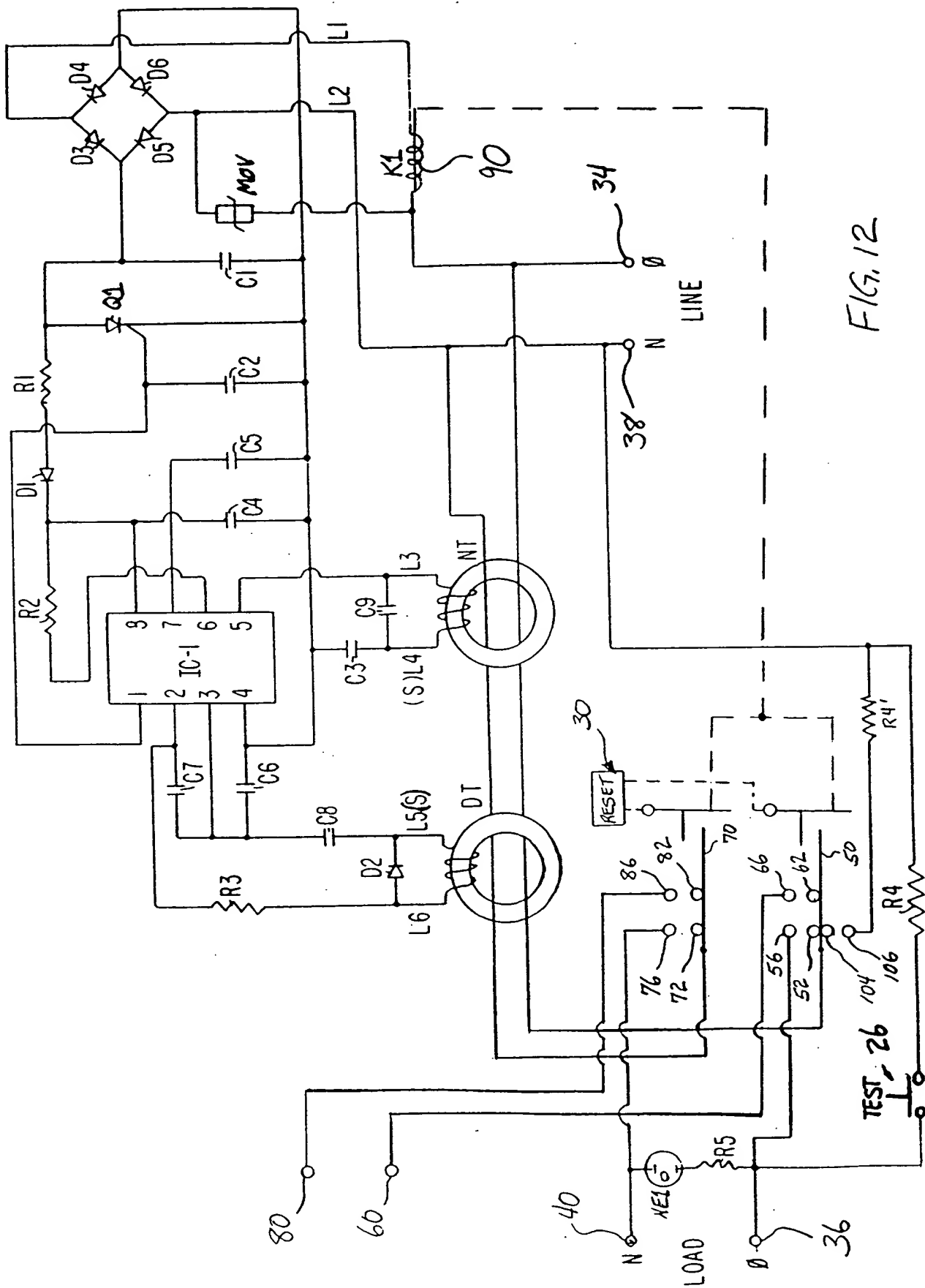


FIG. 12

FIG. 13

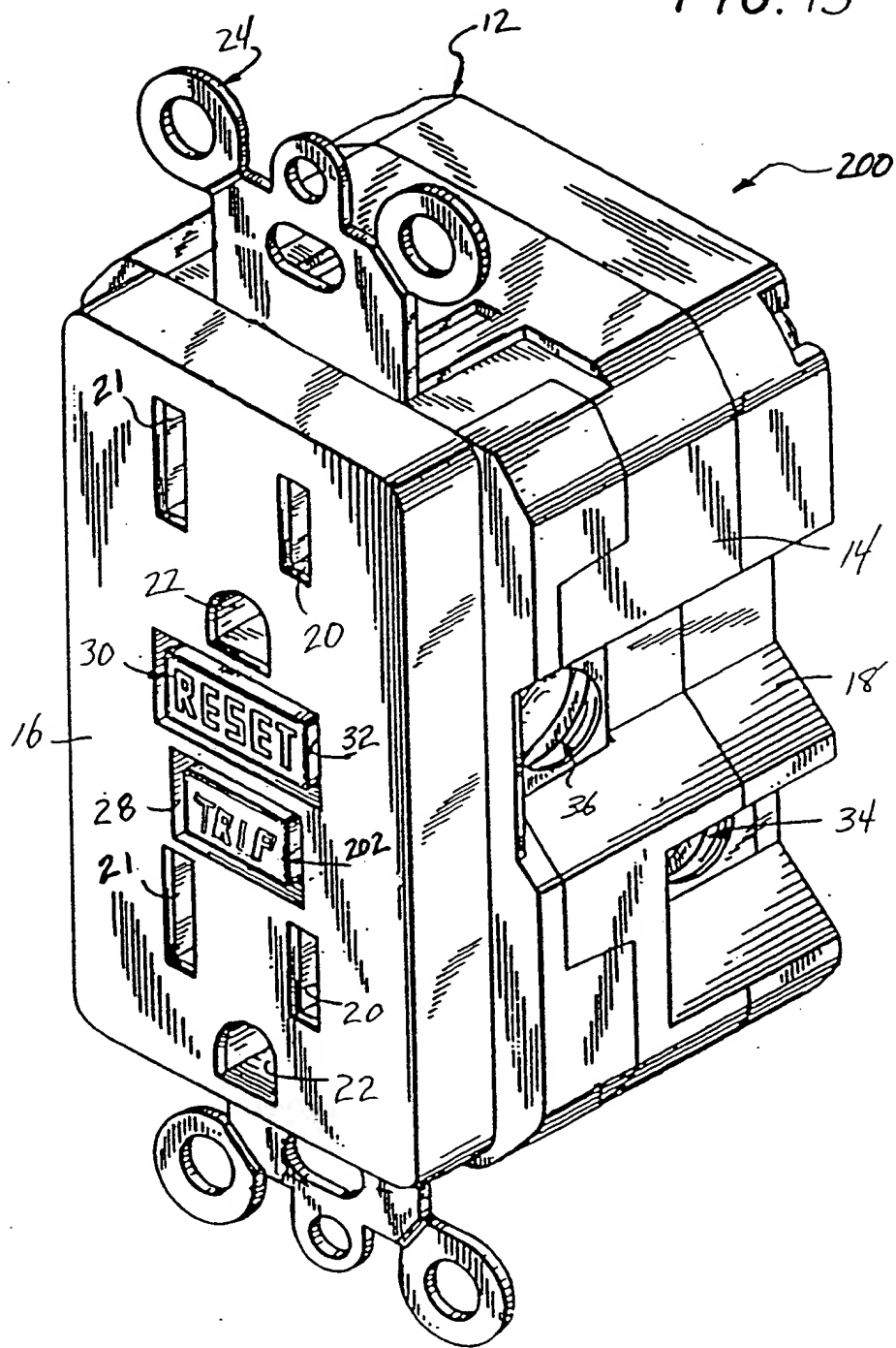
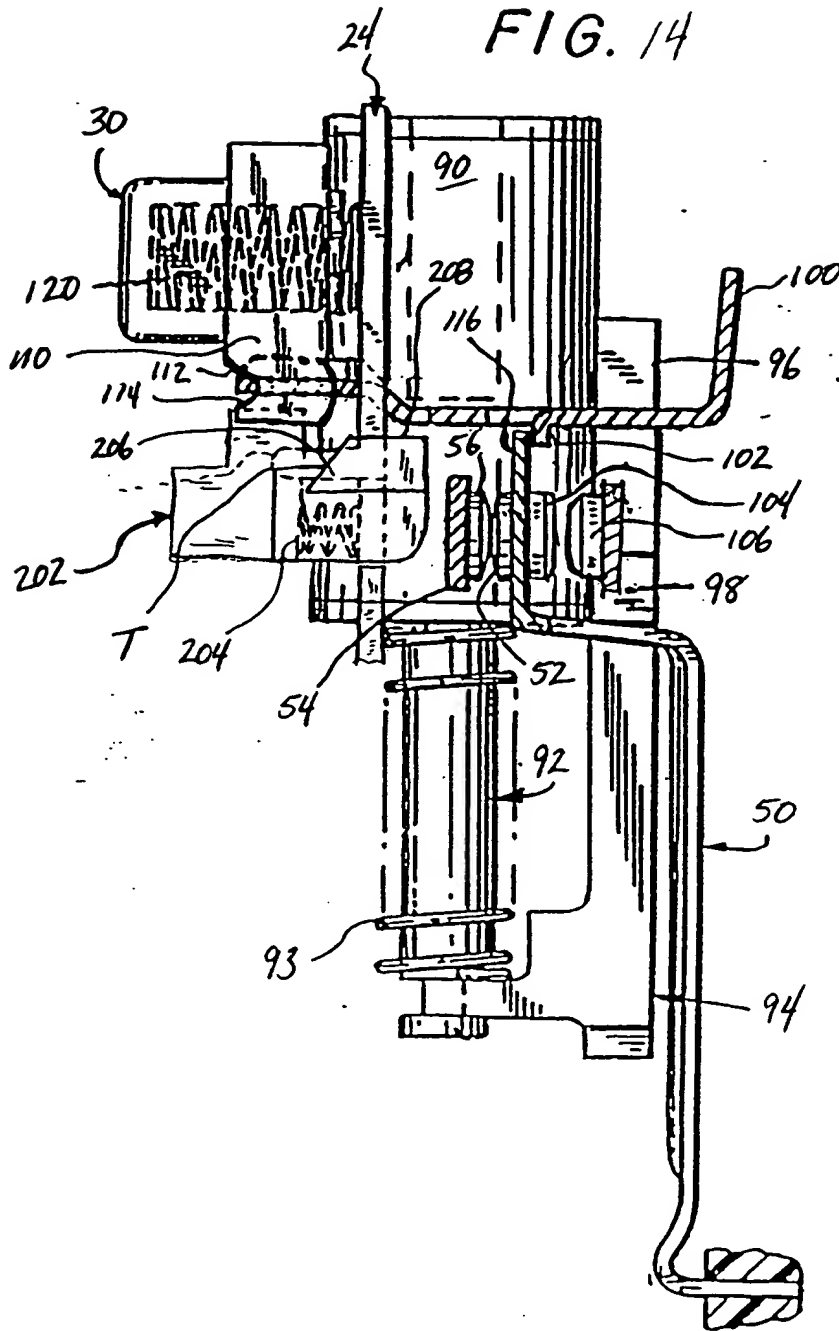


FIG. 14



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FIG. 15

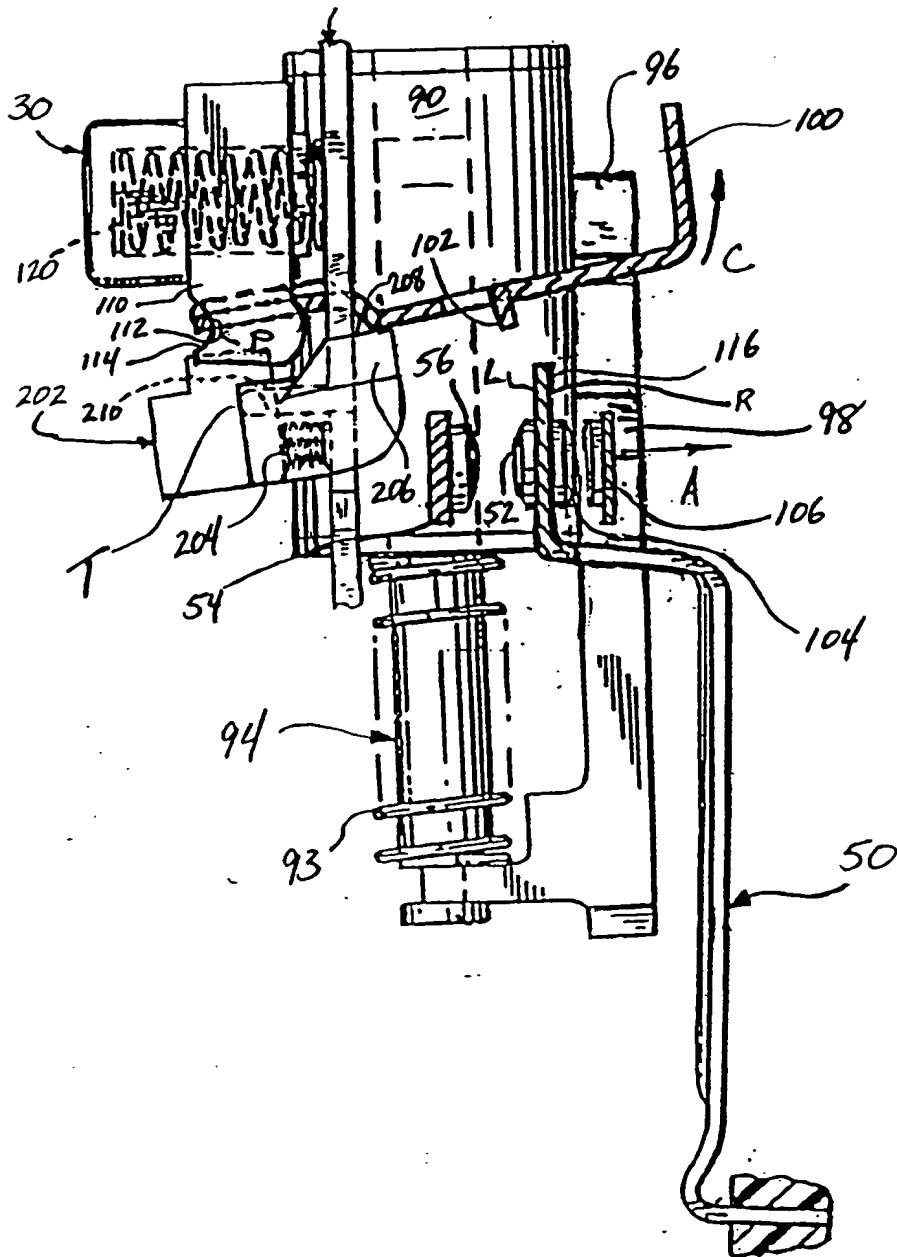
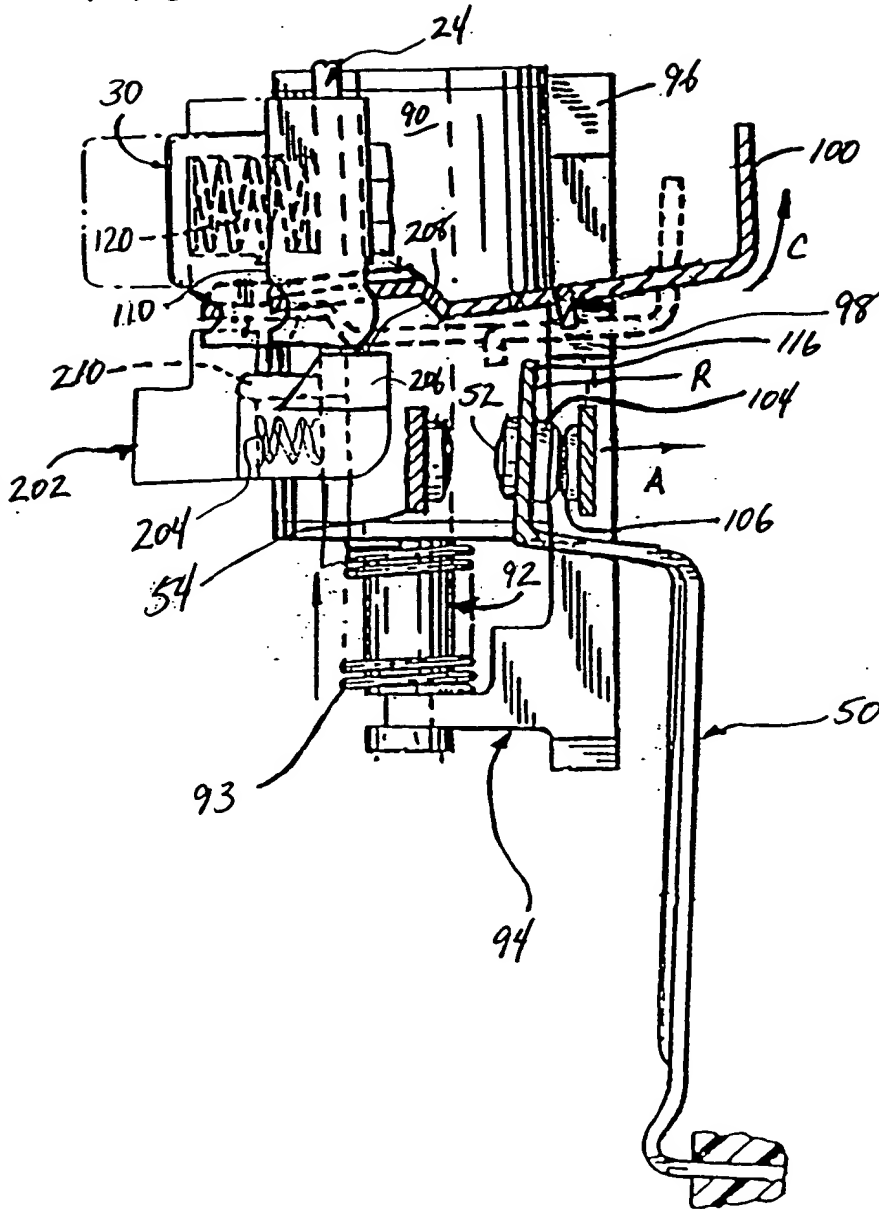


FIG. 15

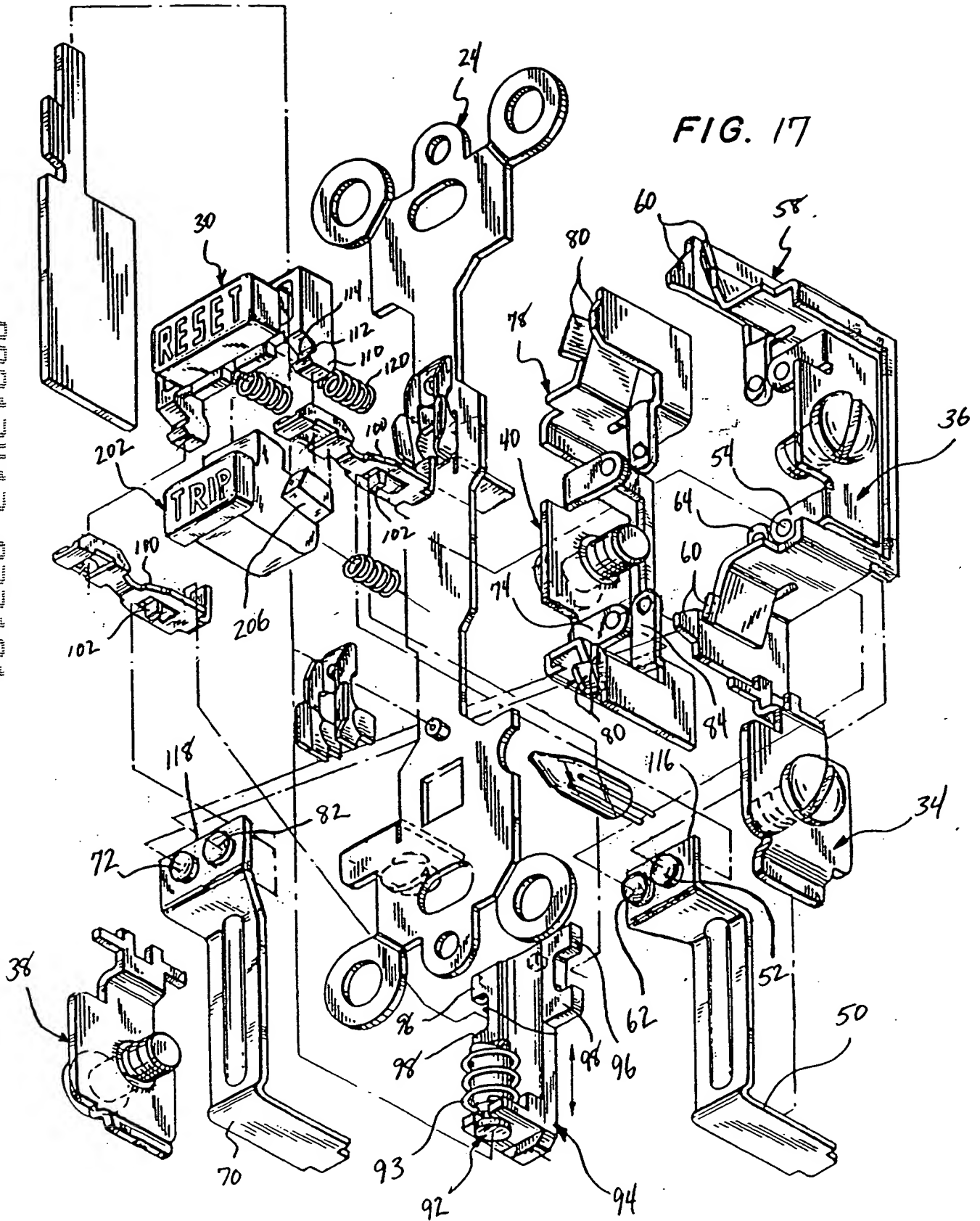
FIG. 16



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FIG. 17



The diagram shows a power supply circuit. It includes a transformer with primary terminals 36, 40, 60, and 80. The secondary has terminals 52, 56, 72, and 76. A bridge rectifier (D3, D4, D5, D6) converts AC to DC. A filter capacitor (C1) and a MOV are connected to the DC output. A microcontroller (IC-1) is connected to the DC line and controls a relay (K1) through a driver circuit (L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L43, L44, L45, L46, L47, L48, L49, L50, L51, L52, L53, L54, L55, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, L67, L68, L69, L70, L71, L72, L73, L74, L75, L76, L77, L78, L79, L80, L81, L82, L83, L84, L85, L86, L87, L88, L89, L90, L91, L92, L93, L94, L95, L96, L97, L98, L99, L100). The relay (K1) is connected to a power source (90) and a load (34). A reset button (30) is also shown.

Fig. 18

FIG. 19

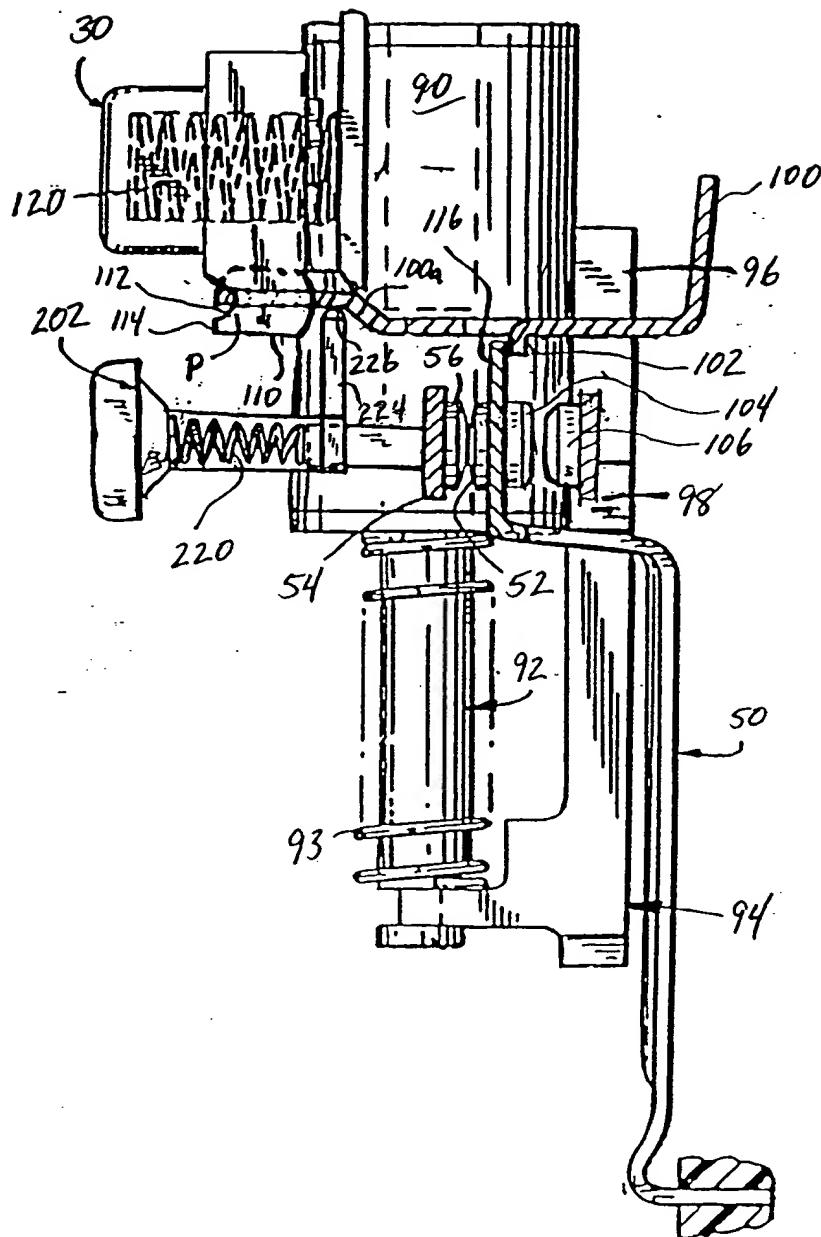
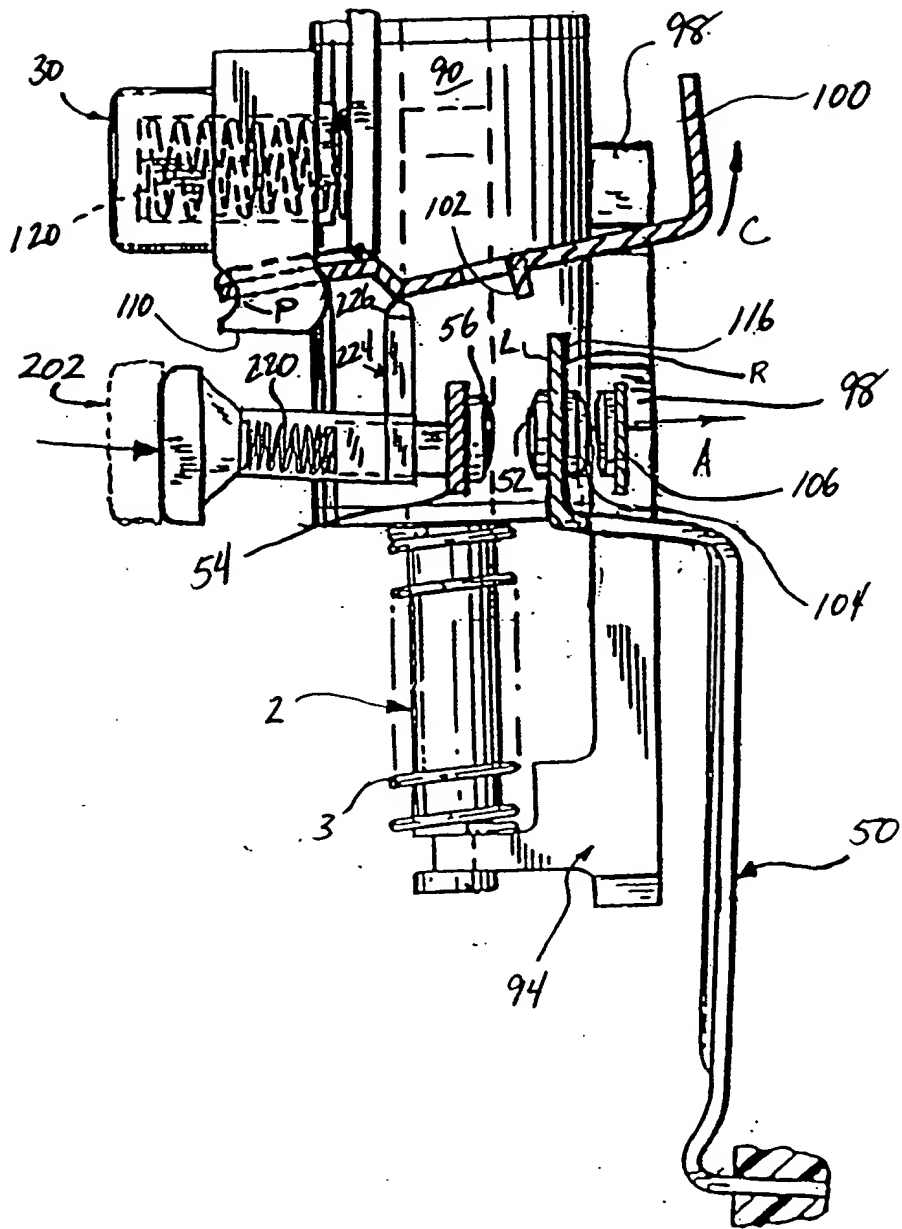


FIG. 20



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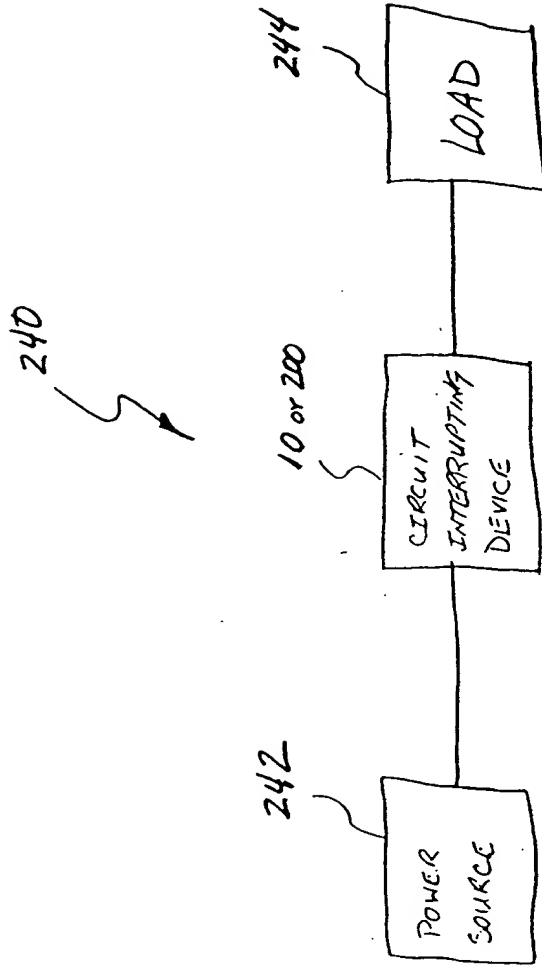


FIG. 21

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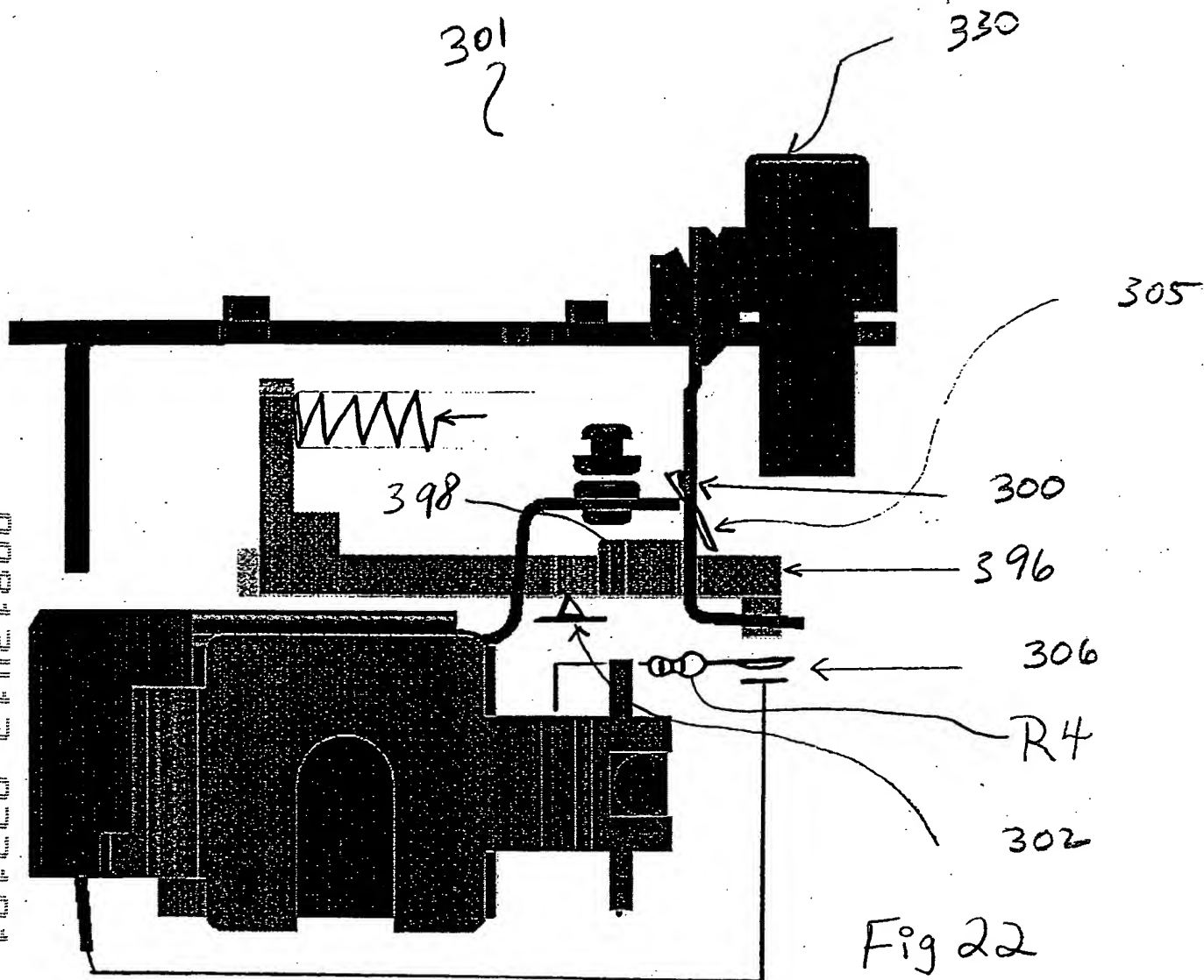


Fig 22

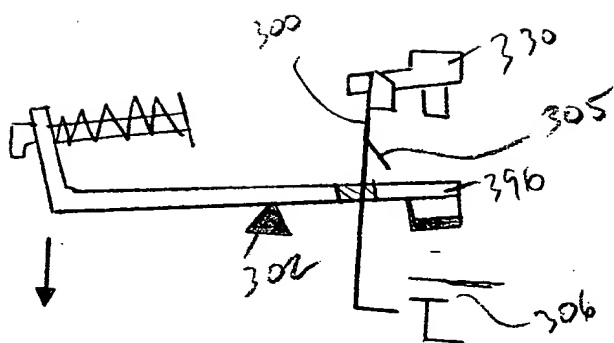


Fig 23a

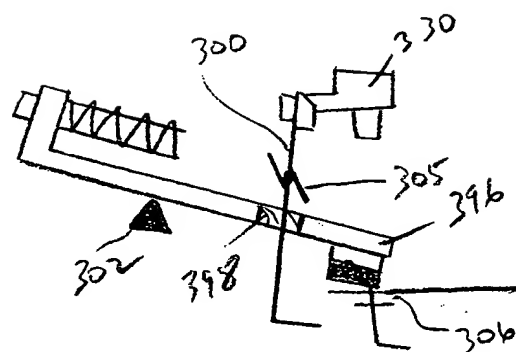


Fig 23b

